| REMAINING AFTER PREVIOUSLY PRESENT EXTRA PRESENT FEE TONAL FEE TON | PATENT APPLICATION FEE DETERMINATION RECORD  Effective October 1, 2003   |                    |                              |                  |                       |                        |           |     |            |        |    |           |                        |  |
|--|--|--------------------|------------------------------|------------------|-----------------------|------------------------|-----------|-----|------------|--------|----|-----------|------------------------|--|
| FOR NAMER FIED NUMBER EXTRA  TOTAL CRANGEABLE CLAIMS 7 minus 20  | TYPE TO SHALL ENTITY   |                    |                              |                  |                       |                        |           |     |            |        |    |           |                        |  |
| TOTAL CRARGEABLE CLASMS 7 minus 20   | TOTAL CLAIMS ?   |                    |                              |                  |                       |                        |           |     | RATE       | FEE    |    |           | <del></del>            |  |
| INDEPENDENT CLAIMS   minus 3 =   XA3   | FOR NUMBER FILEO . NUMBER EXTRA  |                    |                              |                  |                       |                        |           |     | BASIC FEE  | 385.00 | ОЯ | BASIC FEE | 77,0.00                |  |
| INDEPENDENT CLAIM PRESENT  INTERPEDENT CLAIM PRESENT  If the difference in column 1 is less than zero, enter "0" in column 2  CLAIMS AS AMENDED - PART II  CColumn 1) (Column 2) (Column 3)  INTERPEDENT CLAIMS (COLUMN 3 |  |                    |                              |                  |                       |                        |           |     | .X2 8=     |        | ОЯ | X\$18=    | <u>.</u>               |  |
| "If the difference in column 1 is less than zero, enter "O" in column 2  CLAIMS AS AMENDED - PART II  (Column 1)  CLAIMS AS AMENDED - PART II  (Column 3)  CLAIMS AS AMENDED - PART II  (Column 3)  CLAIMS REMAINS REMAINS REMAINS PRESENT PRESENT PRESENT PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  Independent   | INDEPENDENT CLAIMS   minus 3 = "   |                    |                              |                  |                       |                        |           |     |            |        | OR | X86=_     |                        |  |
| CLAIMS AS AMENDED - PART II  (Column 1)  (Column 3)  (Column 4)  (Column 4)  (Column 4)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  ( | MULTIPLE DEPENDENT CLAIM PRESENT   |                    |                              |                  |                       |                        |           |     |            |        | OR | +290=     |                        |  |
| CLAIMS AS AMENDED - PART II  (Column 1)  (Column 3)  (Column 4)  (Column 4)  (Column 4)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  ( | - 11   | the difference     | in column 1 is               | TOTAL            |                       | OR                     | TOTAL     | 730 |            |        |    |           |                        |  |
| COLUMN 1   RESENT   PRESENT   PRESENTATION OF MALTIPLE DEPENDENT CLAIM   PRESENT   PRESENT   PRESENTATION OF MALTIPLE DEPENDENT CLAIM   PRESENT   PRESENT   PRESENT   PRESENTATION OF MALTIPLE DEPENDENT CLAIM   PRESENT   PRESE   | OTHER THAN OTHER THAN SMALL ENTITY OR SMALL ENTITY   |                    |                              |                  |                       |                        |           |     |            |        |    |           |                        |  |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Column 2   |  | / J. / Ef          | CLABIS<br>REMAINING<br>AFTER | ·                | HIGH<br>NUM<br>PREVIO | EST<br>BEA<br>DUSLY    |           |     | RATE       | TIONAL |    | RATE      | ADDI-<br>TIONAL<br>EEE |  |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Column 2   | OME  | Total              | 131                          | Minus            | -1                    | D.                     | • /·      | ] . | X\$ 9=     |        | OR | X\$18=    |                        |  |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM    Column 2   | FE   |                    | • 2                          | 1                |                       | !                      | 7         | ]   | X43=       |        | OR | X86÷      | -                      |  |
| (Column 1) (Column 2) (Column 3)    CAMS   NUMBER   PRESENT   RATE   TIONAL   FEE  | ₹  | FIRST PRESE        | NTATION OF M                 | atiple dep       | ENDEN                 | CLAIM                  |           | j   | +145=      |        | OR | +290=     |                        |  |
| COLUMN 2) (Column 2) (Column 3)  CLARKS REMARKING PREVIOUSLY PADD FOR AMENDMENT PREVIOUSLY PRESENT PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  COLUMN PROPERTY PRESENTATION OF MULTIPLE DEPENDENT CLAIM  CLAIMS REMARKING PRESENT PRESENT PRESENT PRESENT PRESENT PRESENT PRESENT PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM  COLUMN PADD FOR PRESENT PRESENT PRESENT PRESENT PRESENT PREVIOUSLY PADD FOR TOTAL ADDIT. FEE  TOTAL ADDIT. FEE  XS 9= OR XS18=  COLUMN PADD FOR PRESENT PRESENT PRESENT PREVIOUSLY PADD FOR PREVIOUSLY PADD FOR PREVIOUSLY PADD FOR TOTAL FEE  TOTAL ADDIT. FEE  XS 9= OR XS18=  CR ADDIT. FEE  XS 9= OR XS18=  CR ADDIT. FEE  TOTAL GR ADDIT. FEE  CR ADDIT. FE |  | .4.1               |                              |                  |                       |                        | •         |     | TOTAL      |        |    |           |                        |  |
| CLAMS REMAINING AFTER AMENIONENT  TOTAL  TOTAL  ACCIONATE PREVIOUSLY PAID FOR  PRESENT TRONAL FEE  XS 9=  OR  XS18=  XS 9=  OR  XS18=  XS 9=  OR  XS6=  TOTAL ADDIT FEE  ADDIT TRONAL FEE  XS 9=  OR  XS18=  TOTAL ADDIT FEE  TOTAL ADDIT FEE  TOTAL ADDIT FEE  TOTAL ADDIT FEE  TOTAL AFTER AMENIONENT PREVIOUSLY PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL ADDIT FEE  TOTAL AFTER AMENIONENT PREVIOUSLY PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL AFTER AMENIONENT PREVIOUSLY PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL AFTER AMENIONENT PREVIOUSLY PRESENTATION OF MULTIPLE DEPENDENT CLAIM  TOTAL TOTAL ADDIT FEE  XS 9=  OR  XS18=  TOTAL ADDIT FEE  OR  TOTAL ADDIT FEE  TOTAL ADDIT FEE  OR  TOTAL ADDIT FEE  TOTAL ADDIT FEE  OR  TOTAL ADDIT F | 1  | 1615               | (Column 1)                   |                  | (Calu                 | mn 2)                  | (Column 3 | Ł   | ADDIT FEE  |        | •  |           |                        |  |
| FRIST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  INCIDENT 3  COLUMN 2  COLUMN 2  COLUMN 3  CLAIMS REMANDING REMANDING AFTER AMENDMENT RESENT PREVIOUSLY PAID FOR  TOTAL  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  TOTAL  OR  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  OR  OR  OR  OR  OR  OR  OR  OR  O  | 8 5  | 1 /                | CLAIMS<br>REMAINING<br>AFTER |                  | NUM<br>PREVI          | BER<br>OUSLY           |           |     | RATE       | TIONAL |    | RATE      | ADDI-<br>TIONAL<br>FEE |  |
| FRIST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  INCIDENT 3  COLUMN 2  COLUMN 2  COLUMN 3  CLAIMS REMANDING REMANDING AFTER AMENDMENT RESENT PREVIOUSLY PAID FOR  TOTAL  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  TOTAL  OR  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  OR  OR  OR  OR  OR  OR  OR  OR  O  | Œ  | Total              |                              | Minus            | - 2                   | JO                     | - //      | ]   | X\$ 9=     |        | OR | X\$18=    |                        |  |
| FRIST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  INCIDENT 3  COLUMN 2  COLUMN 2  COLUMN 3  CLAIMS REMANDING REMANDING AFTER AMENDMENT RESENT PREVIOUSLY PAID FOR  TOTAL  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  ADDIT. FEE  TOTAL  OR  TOTAL  OR  ADDIT. FEE  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  TOTAL  OR  TOTAL  OR  TOTAL  OR  ADDIT. FEE  OR  ADDIT. FEE  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  ADDIT. FEE  OR  OR  OR  TOTAL  OR  OR  OR  OR  OR  OR  OR  OR  OR  O  |  |                    | • 7                          |                  | ***                   | 3 .                    | 1         | ]   | X43•       |        | OR | X86=      | •                      |  |
| Column 2) (Column 2) (Column 3)  CLAUS   NEGHEST   NEGHEST   RATE   ADDITIONAL   FEE    Total   Minus   Minus  | Ž  | FIRST PRESE        | NTATION OF M                 | ULTIPLE DEP      | ENDEN                 | TCLAIM                 |           | J   | +145=      |        | OR | +290=     |                        |  |
| COLUMN 1) (COLUMN 2) (COLUMN 3)  CLAMS   NIGHEST   PRESENT   RATE   ADDITIONAL   FEE    NIGHEST   PREVIOUSLY   PAID FOR   PAID FOR    Total   Minus    | I  |                    |                              |                  |                       |                        |           |     |            |        | OR |           |                        |  |
| CLAIMS REMARKING REMARKING AMENDMENT  TOTAL  Independent  | -  | 7-10-16            | 40-h 41                      |                  | (Coh)                 | ma 21                  | Column 3  | 1)  | ALCHI, PEE |        |    |           | •                      |  |
| Total • Minus • 20 * X\$ 9= OR X\$18=  Independent • / Minus •    HRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  If the entry in column 1 is less than the entry in column 2, uniter '8' in column 3.  If the entry in column 1 is less than the entry in column 2, uniter '8' in column 3.  If the "Tightest Number Previously Pald Por' IN THIS SPACE is less than 20, enter '20.  ADDIT. FEE  | 5  | 17700              | CLAIMS<br>REMARKING<br>AFTER |                  | HIGH<br>HEAR<br>PREVI | REST<br>RBER<br>KOUSLY | PRESENT   |     | RATE       | TIONAL |    | RATE      | ADDI-<br>TIDNA<br>TEE  |  |
| # the entry in column 1 is less than the entry in column 2, writer 'V' in column 3.  ## I the "Fightest Number Previously Path Por IN THIS SPACE is less than 20, enter "20."  ### ADDIT. FEE  #### OR ##############################  | 113  | Yotal              |                              | Minus            |                       |                        | • /.      | ]   | X\$ 9-     |        | OR | X\$18=    | <u>L</u>               |  |
| # the entry in column 1 is less than the entry in column 2, writer 'V' in column 3.  ## I the "Fightest Number Previously Path Por IN THIS SPACE is less than 20, enter "20."  ### ADDIT. FEE  #### OR ##############################  |  | Independent        | 1 /                          |                  |                       | 3                      | 9         | 1   | X43=       | ·      | OA | X86=      |                        |  |
| • If the emby in column 1 is less than the emby in column 2, writer '0' in column 3.  — If the Prightest Number Previously Path Por IN THIS SPACE is less than 20, enter '20.  ADDIT. FEE  OR ADDIT. FEE   | Ľ  | FIRST PRES         | NTATION OF M                 | ULTIPLE DEI      | PENDEN                | TCLAIN                 |           | ٦   | +145=      |        | 02 | +290=     |                        |  |
| of the Tighest Number Proviously Path Por IN THES SPACE IN THE STATE OF THE PARTY O |  | # the entry in col | pan I is less than           | th entry in colu | mo 2, est             | <b>w W</b> in a        | olumn 3.  |     | TOTAL      |        | ł  | TOTAL     |                        |  |
| The second Conce U.S. DEPARTMENT OF COURSE   | of the Vighest Number Previously Past Por IN THES SPACE IN THE STATE I |                    |                              |                  |                       |                        |           |     |            |        |    |           |                        |  |

Application or Docket Numb

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